

Climate

Assessment and Student Activity Masters



Preliminary Test



Directions: Fill in the blank with the correct word. A list of possible answers is provided at the bottom of the page.

1. _____ refers to the general weather over a long period of time in a region.
2. _____ is the measure of distance north or south of the equator.
3. Areas near the _____ receive direct rays from the sun year round.
4. _____ refers to the distance an area is above sea level.
5. Ocean _____ have a large effect on the temperature of certain regions.
6. The majority of people in the world live in the _____ zone.
7. _____ is a major factor that determines the climate of an area.
8. The southwestern United States and Mexico are located in the dry, _____ climate.
9. Climate zones tend to determine the type of _____ that live in specific areas.
10. Winds and _____ affect the precipitation of an area.

organisms	temperate
equator	climate
precipitation	elevation
wet	topography
longitude	latitude
desert	currents

Climate

Name _____



Preliminary Test

Directions: Decide whether the answer is True (T) or False (F).

- | | | |
|---|---|---|
| 11. Lower latitudes have cooler climates. | T | F |
| 12. Temperatures at high elevations tend to be lower. | T | F |
| 13. Prevailing winds are winds that consistently blow in the same direction over time. | T | F |
| 14. Coastal zones are cooled by cold, ocean water in the winter months. | T | F |
| 15. Areas far from the equator receive indirect rays from the sun, causing these areas to be cooler. | T | F |
| 16. The windward side of the Sierra Nevadas receives little precipitation due to the prevailing wind. | T | F |
| 17. The three main climate zones are polar, coastal, and temperate. | T | F |
| 18. Polar zones are dominated by very cold weather. | T | F |
| 19. Tropical forests are found in lower latitudes. | T | F |
| 20. Due to large amounts of precipitation, a cactus has spines instead of leaves to release the excess water. | T | F |

Climate

Name _____

Video Review



Directions: During the course of the program, answer the "You Decide" questions as they are presented in the video. Answer the Video Quiz questions at the end of the video.

You Decide:

A. What is the major difference between the climate in northern New England and the climate in Florida?

Answer _____

B. What major factor accounts for this temperature difference?

Answer _____

C. What are prevailing winds?

Answer _____

D. What is the climate like here?

Answer _____

E. What major factor accounts for this difference in climate?

Answer _____

F. How is this climate different from the desert?

Answer _____

Video Quiz:

1. Climate is the _____ of a region over a long time.

2. The latitude at the equator is _____ degrees.

3. _____ is a location's distance above sea level.

4. As elevation increases, temperature _____.

5. Winds blowing in the same direction are _____.

6. Ocean _____ also affect the climate of regions.

7. Climate zones are delineated by _____.

8. There are _____ major climate zones.

9. Tropical zones have _____ temperatures.

10. The dry area on the leeward side of a mountain is called a _____.